

	Type	L #	Hits	S arch Text	Dbs	Tim Stamp
1	BRS	L1	1595	(simulat\$4 or model\$4) near5 business	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2002/02/0 2 17:21
2	BRS	L2	5671	(simulat\$4 or model\$4) near5 company	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2002/02/0 2 17:21
3	BRS	L3	8702	(simulat\$4 or model\$4) near5 corporat\$4	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2002/02/0 2 17:21

Type	L #	Hits	S arch Text	DBs	Tim Stamp
4	BRS	L4	428	(simulat\$4 or model\$4) nears enterpris\$4	USPA T; US-P GPUB ; EPO; 2002/02/0 2 17:21 JPO; DERW ENT; IBM TDB
5	BRS	L5	156	(simulat\$4 or model\$4) nears commerce	USPA T; US-P GPUB ; EPO; 2002/02/0 2 17:21 JPO; DERW ENT; IBM TDB
6	BRS	L6	594	(1 or 2 or 3 or 4 or 5) nears (framework or architecture or process or procedure or structure or organiz\$6)	USPA T; US-P GPUB ; EPO; 2002/02/0 2 17:24 JPO; DERW ENT; IBM TDB

	Type	L #	Hits	S arch T xt	DBs	Time Stamp
7	BRS	L7	154670	(information or technology) nears (framework or architecture or process or procedure or structure or organiz\$6)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2002/02/02 17:24
8	BRS	L8	1266	(business or company or corporat\$4 or enterpris\$4 or commerce) nears 7	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2002/02/02 17:25
9	BRS	L9	40	6 same 8	USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB	2002/02/02 17:25

Scanned L, H, K, W, all

	Document ID	Issue Dat	Inventor	Current OR	Current XRef	Pages
1	JP 09319796 A	19971212	KITANI, KAZUNORI , KOMORI, HIDEYUKI , et al.		703/13 ; 703/21 ; 703/6 ; 705/1 ; 705/35 ; 705/7 ; 709/220 ; 709/221 ; 709/222 ; 709/223 ; 709/226	9
2	US 6311144 B1	20011030	Abu El Ata, Nabil A.	703/2		23
3	US 6233537 B1	20010515	Gryphon, Robert L. , et al.	703/1	703/6 ; 705/7 ; 707/100	18
4	US 6134706 A	20001017	Carey, James , et al.	717/102	345/853 ; 705/1 ; 707/9 ; 717/104 ; 717/108	11
5	US 5406477 A	19950411	Harhen, John	703/6	705/7 ; 706/10 ; 706/46 ; 706/925 ; 709/100	63

19 results

US-PAT-NO: 6311144

DOCUMENT-IDENTIFIER: US 6311144 B1

TITLE: Method and apparatus for designing and analyzing information systems using multi-layer mathematical models

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Abu El Ata; Nabil A.	Omaha	NE	68154	N/A

US-CL-CURRENT: 703/2,703/13 ,703/21 ,703/6 ,705/1 ,705/35 ,705/7 ,709/220 ,709/221 ,709/222 ,709/223 ,709/226

ABSTRACT: An information design system uses an input module, a construction module, a performance metrics module, and an output module to create and output several models of a proposed information design system. The input module receives descriptive input which is validated and transformed into quantitative input. The construction module uses the quantitative input and information from a library of hardware and software component models to create and calibrate one or more models. The performance metrics module calculates performance metrics for the models, which then can be compared based on these metrics. A preferred information system design can then be selected from the models.

24 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 9

DEPR: The business management domain is represented in the modeling process through descriptive information for both the business process and the business function layers. These two layers represent the impact of the organization's activities on the performance of its information system.